Applicant: Keiiti Ogura et al.

Serial No.: 00/066 740

Attorney's Docket No.: 12732-077001 / US5246

Serial No.: 09/966,740 Filed: October 1, 2001

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## Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

## Listing of Claims:

Claim 1 (Currently Amended): A light emitting device comprising:

a substrate;

an EL element formed over the substrate; [[and]]

a barrier film covering the EL element;

an absorption film formed over the EL element on the barrier film; and

a passivation film formed on wherein the EL element is interposed between the substrate and the absorption film.

Claim 2 (Original): A device according to claim 1, wherein the absorption film is a hygroscopic film.

Claim 3 (Previously Presented): A device according to claim 1, wherein the absorption film comprises an alkaline-earth metal.

Claim 4 (Previously Presented): A device according to claim 1, wherein the absorption film has a thickness of 1 to 3  $\mu m$ .

Claim 5 (Original): A device according to claim 1, wherein the device is selected from the group consisting of a video camera, a digital camera, a goggle type display, a navigation system, an audio apparatus, a note type personal computer, a game apparatus, a portable apparatus, and an image play back device equipped with a recording medium.

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Claim 6 (Currently Amended): A light emitting device comprising:

a first substrate:

a connection wiring formed over the first substrate;

an EL element formed over the first substrate;

an absorption film formed over the EL element; [[and]]

a passivation film formed over the connection wiring and the absorption film; and

a sealing substrate connected to the first substrate through a sealant;

wherein:

the EL element is provided in a space surrounded by the first substrate, the sealant, and the sealing substrate, and

the connection wiring and the passivation film extend beyond the sealant.

Claim 7 (Original): A device according to claim 6, wherein the absorption film is a hygroscopic film.

Claim 8 (Previously Presented): A device according to claim 6, wherein the absorption film comprises an alkaline-earth metal.

Claim 9 (Previously Presented): A device according to claim 6, wherein the absorption film has a thickness of 1 to 3  $\mu m$ .

Claim 10 (Previously Presented): A device according to claim 6, wherein the sealant is not overlapped with the absorption film.

Claim 11 (Original): A device according to claim 6, wherein the device is selected from the group consisting of a video camera, a digital camera, a goggle type display, a navigation system, an audio apparatus, a note type personal computer, a game apparatus, a portable apparatus, and an image play back device equipped with a recording medium.

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Claim 12 (Currently Amended): A light emitting device comprising:

a first substrate;

a connection wiring formed over the first substrate;

an EL element formed over the first substrate, the EL element comprising an anode, an

EL layer, and a cathode; [[and]]

an absorption film formed over the cathode;

a passivation film formed over the connection wiring and the absorption film; and a sealing substrate connected to the first substrate through a sealant,

wherein the EL element is interposed between the substrate and the absorption film connection wiring and the passivation film extend beyond the sealant.

Claim 13 (Original): A device according to claim 12, wherein the absorption film is a hygroscopic film.

Claim 14 (Previously Presented): A device according to claim 12, wherein the absorption film comprises an alkaline-earth metal.

Claim 15 (Previously Presented): A device according to claim 12, wherein the absorption film has a thickness of 1 to 3 um.

Claim 16 (Original): A device according to claim 12, wherein the absorption film is formed over the anode, and the EL layer, the cathode, and the absorption film are successively formed under an inert gas atmosphere.

Claim 17 (Original): A device according to claim 12, wherein the device is selected from the group consisting of a video camera, a digital camera, a goggle type display, a navigation system, an audio apparatus, a note type personal computer, a game apparatus, a portable

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apparatus, and an image play back device equipped with a recording medium.

Claim 18 (Currently Amended): A light emitting device comprising:

a substrate;

a TFT formed over the substrate;

an EL element electrically connected with the TFT; and

an absorption film formed over the EL element[[;]].

wherein the EL element is interposed between the substrate and the absorption film.

Claim 19 (Original): A device according to claim 18, wherein the absorption film is a hygroscopic film.

Claim 20 (Previously Presented): A device according to claim 18, wherein the absorption film comprises an alkaline-earth metal.

Claim 21 (Previously Presented): A device according to claim 18, wherein the absorption film has a thickness of 1 to 3  $\mu m$ .

Claim 22 (Original): A device according to claim 18, wherein the device is selected from the group consisting of a video camera, a digital camera, a goodle type display a pavigation of a video camera, a note type personal computer, a game apparatus, a portable apparatus, and an image play back device equipped with a recording medium.

Claim 23 (Currently Amended): A light emitting device comprising:

a first substrate;

a connection wiring formed over the first substrate:

an EL element formed over the first substrate; [[and]]

an inorganic hygroscopic film formed over the EL element for absorbing moisture;

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<u>and</u>

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a passivation film formed over the connection wiring and the inorganic hygroscopic film;

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a sealing substrate connected to the first substrate through a sealant, wherein:

the EL element is enclosed by the first substrate and the inorganic hygroscopic film; and the connection wiring and the passivation film extend beyond the sealant.

Claim 24 (Previously Presented): A device according to claim 23, wherein the inorganic hygroscopic film comprises an alkaline-earth metal.

Claim 25 (Previously Presented): A device according to claim 23, wherein the inorganic hygroscopic film has a thickness of 1 to 3 μm.

Claim 26 (Original): A device according to claim 23, wherein the device is selected from the group consisting of a video camera, a digital camera, a goggle type display, a navigation system, an audio apparatus, a note type personal computer, a game apparatus, a portable apparatus, and an image play back device equipped with a recording medium.

Claim 27 (Currently Amended): A light emitting device comprising: a [[first]] substrate;

substrate;

a barrier film covering the EL element;

an inorganic hygroscopic film formed [[over]] on the barrier film wherein the barrier film is interposed between the inorganic hygroscopic film and the EL element; and a passivation film on the inorganic hygroscopic film.

Claim 28 (Original): A device according to claim 27, wherein the EL element further

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comprises an anode, a hole injection layer, a hole transfer layer, and a cathode.

Claim 29 (Original): The device according to claim 27, wherein the barrier film comprises a material selected from the group consisting of carbon, silicon oxide, silicon nitride, and copper phthalocyanine.

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Claim 30 (Previously Presented): A device according to claim 27, wherein the inorganic hygroscopic film comprises an alkaline-earth metal.

Claim 31 (Previously Presented): A device according to claim 27, wherein the inorganic hygroscopic film has a thickness of 1 to 3  $\mu m$ .

Claim 32 (Original): A device according to claim 27, wherein the device is selected from the group consisting of a video camera, a digital camera, a goggle type display, a navigation system, an audio apparatus, a note type personal computer, a game apparatus, a portable apparatus, and an image play back device equipped with a recording medium.

Claim 33 (Currently Amended): A light emitting device comprising:

a first substrate:

an EL element comprising an organic light emitting laver formed over the first substrate.

an inorganic hygroscopic film formed [[over]] on the barrier film wherein the barrier film is interposed between the inorganic hygroscopic film and the EL element; and

a passivation film formed on the inorganic hygroscopic film; and

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a second substrate opposed to the first substrate with the EL element disposed therebetween, wherein a space between the first <u>substrate</u> and <u>the</u> second <del>substrates are</del> <u>substrate</u> is hermetically sealed by a sealant.

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Claim 34 (Original): A device according to claim 33, wherein a metal film covers the sealant and the second substrate.

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Claim 35 (Currently Amended): A device according to claim 34, wherein the metal film comprises a material selected from the group consisting of Al and Mg.

Claim 36 (Original): A device according to claim 33, wherein the space is filled with an inert gas selected from the group consisting of nitrogen and a noble gas.

Claim 37 (Original): A device according to claim 33, wherein the EL element further comprises an anode, a hole injection layer, a hole transfer layer, and a cathode.

Claim 38 (Original): The device according to claim 33, wherein the barrier film comprises a material selected from the group consisting of carbon, silicon oxide, silicon nitride, and copper phthalocyanine.

Claim 39 (Previously Presented): A device according to claim 33, wherein the inorganic hygroscopic film comprises an alkaline-earth metal.

Claim 40 (Previously Presented): A device according to claim 33 wherein the increases

Claim 41 (Original): A device according to claim 33, wherein the device is selected from the group consisting of a video camera, a digital camera, a goggle type display, a navigation system, an audio apparatus, a note type personal computer, a game apparatus, a portable apparatus, and an image play back device equipped with a recording medium.

Claim 42 (Currently Amended): A light emitting device comprising:

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a first substrate;

a plurality of switching elements formed over the first substrate, each of the <u>plurality of</u> switching elements comprising a thin film transistor <u>TFT</u>;

a plurality of EL elements formed over the first substrate and operationally connected to the <u>plurality of</u> switching elements, each of the <u>plurality of</u> EL elements comprising an organic light emitting layer;

a driver circuit comprising thin film transistors <u>TFTs</u> formed over the first substrate; an inorganic hygroscopic film formed over the plurality of EL elements and the driver circuit; and

a second substrate opposed to the first substrate with the <u>plurality of EL element elements</u> disposed therebetween, wherein a space between the first <u>substrate</u> and <u>the</u> second <del>substrates are substrate is</del> hermetically sealed by a sealant.

Claim 43 (Original): A device according to claim 42, wherein a metal film covers the sealant and the second substrate.

Claim 44 (Currently Amended): A device according to claim 43, wherein the metal film comprises a material selected from the group consisting of Al and Mg.

Claim 45 (Original): A device according to claim 42 wherein the space is filled with an most gas selected from the group consisting of introgen and a nonle gas.

Claim 46 (Original): A device according to claim 42, wherein the EL element further comprises an anode, a hole injection layer, a hole transfer layer, and a cathode.

Claim 47 (Previously Presented): A device according to claim 42, wherein the inorganic hygroscopic film comprises an alkaline-earth metal.

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Claim 48 (Previously Presented): A device according to claim 42, wherein the inorganic hygroscopic film has a thickness of 1 to 3  $\mu m$ .

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Claim 49 (Original): A device according to claim 42, wherein the device is selected from the group consisting of a video camera, a digital camera, a goggle type display, a navigation system, an audio apparatus, a note type personal computer, a game apparatus, a portable apparatus, and an image play back device equipped with a recording medium.

Claims 50-55 (Canceled)